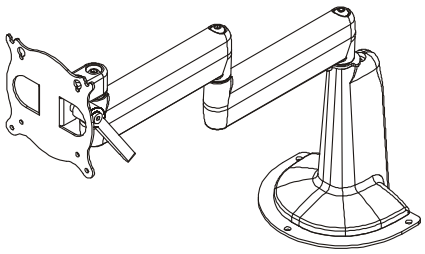
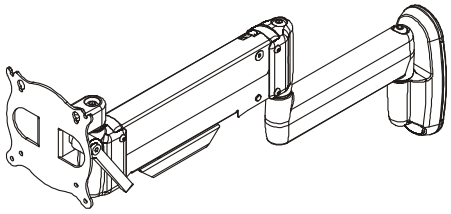
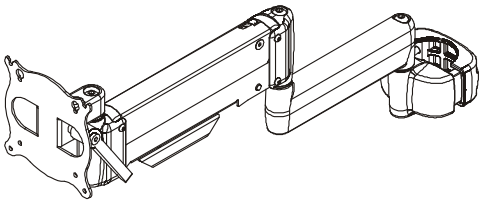
INSTALLATION INSTRUCTIONS



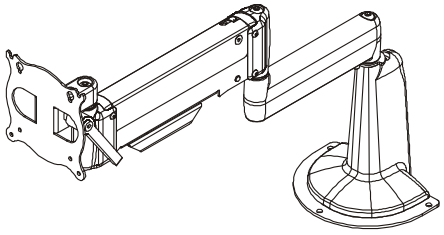
MSP-DARKCD110



MSP-DARKWE110



MSP-DARKPZ110



MSP-DARKCE110

Extreme Pitch Wall / Desk Mount / Pole Mount

CHIEF®
Our Mounts. **Your Vision.**

MSP-DARKWE/CE/CD/PZ-110

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IMPORTANT SAFETY INSTRUCTIONS!

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer’s responsibility to make sure all components are properly assembled and installed using the instructions provided.

WARNING: Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component.

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the combined weight of all components attached to the MSP-DARKWE110/-DARKCE110 does not exceed 20 lbs (9 kg), MSP-DARKCD110/MSP-DARKPZ110 - 25 lbs (11.3 kg).

WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

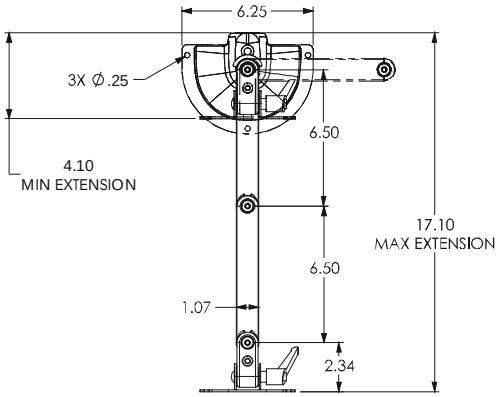
WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

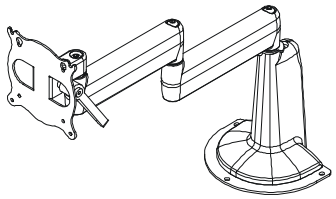
WARNING: Do not use this product outdoors.

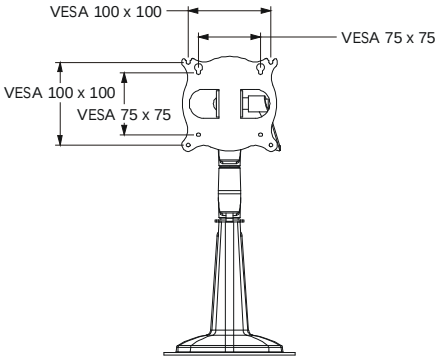
--SAVE THESE INSTRUCTIONS--

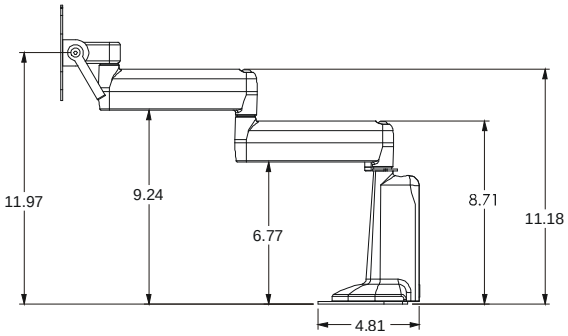
DIMENSIONS

MSP-DARKCD









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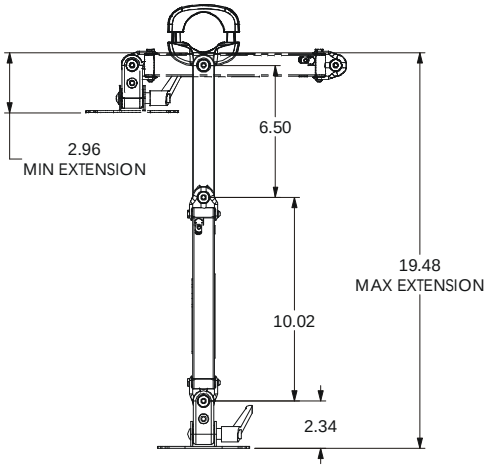

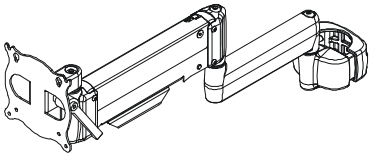

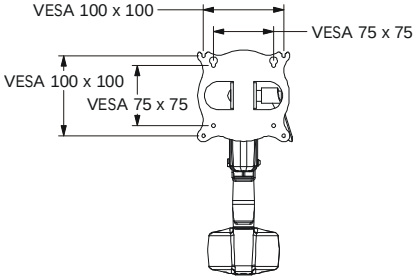

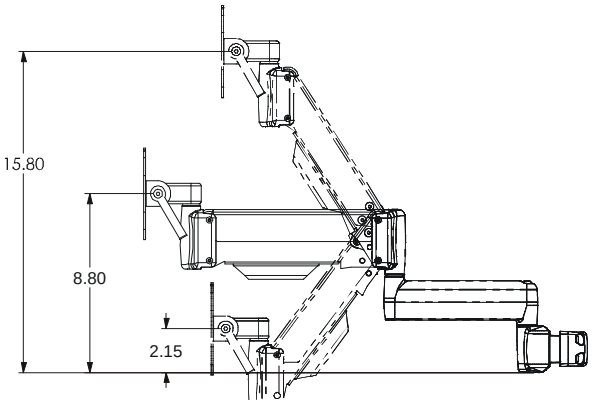

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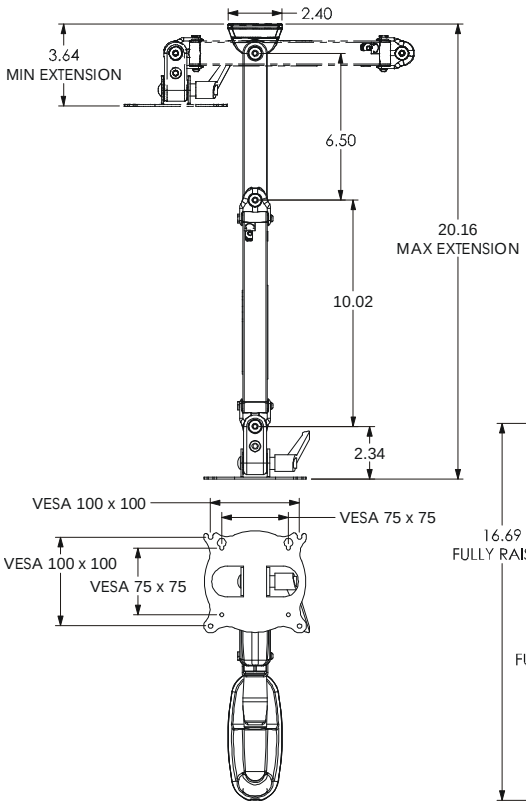
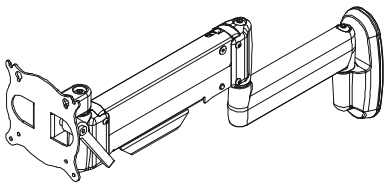
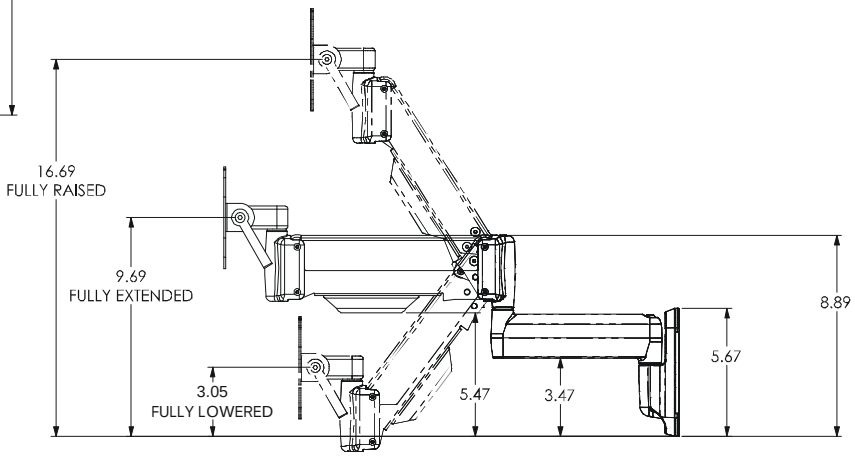
INCHES

DIMENSIONS Continued

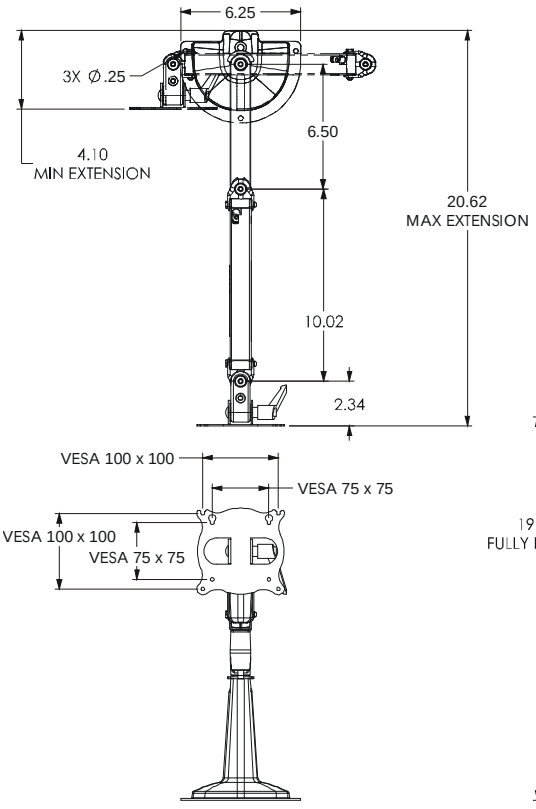
MSP-DARKWE

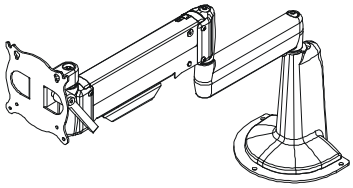


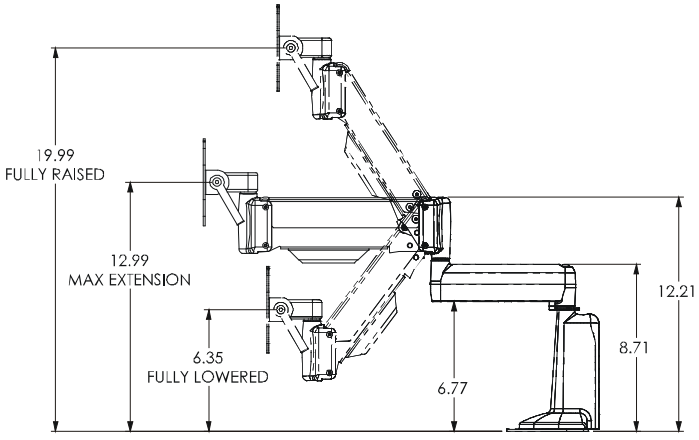




MSP-DARKCE

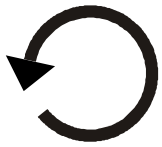




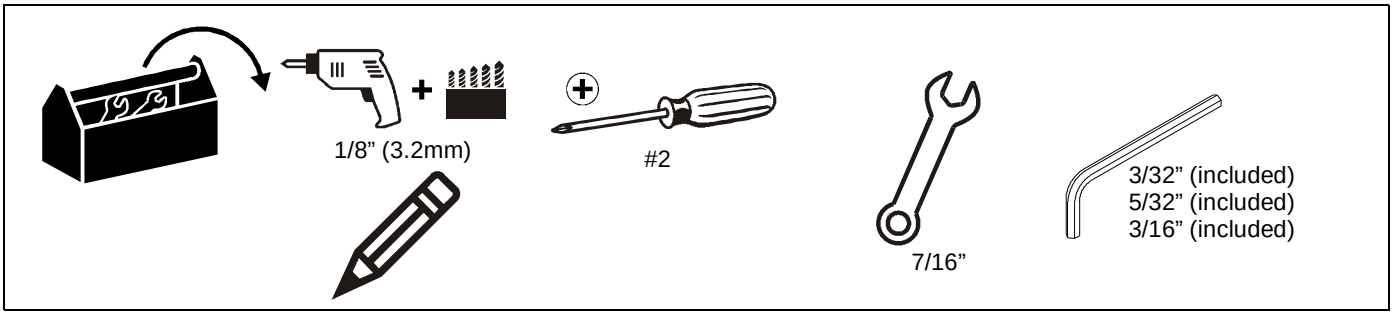


DIMENSIONS: [MILLIMETERS]
INCHES

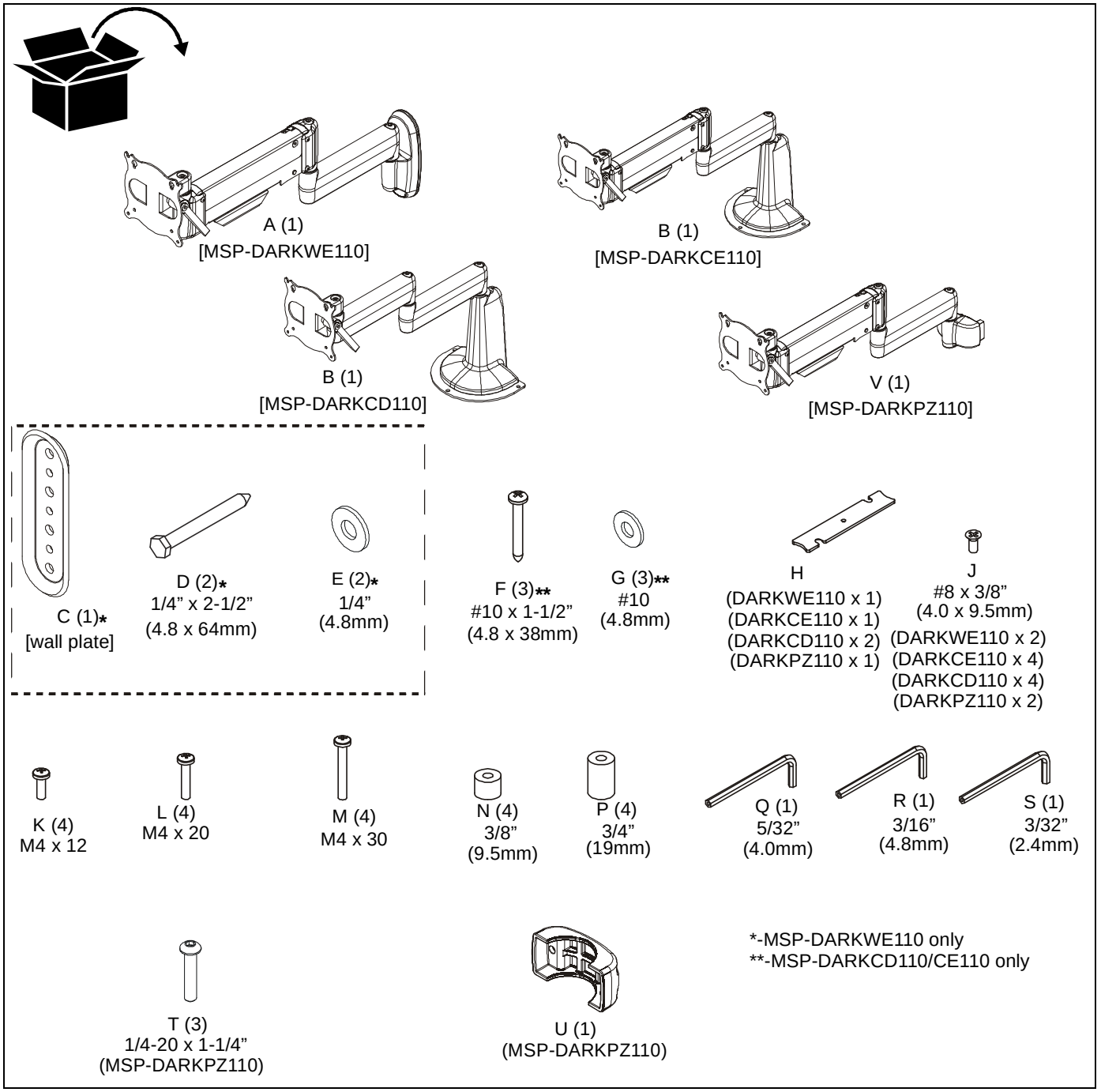
LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations
	Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main
	Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster

TOOLS REQUIRED FOR INSTALLATION



PARTS



MOUNT INSTALLATION

To Wall (MSP-DARKWE110)

1. Determine location for mount keeping in mind extension and height adjustment requirements.
2. Using wall plate (C) as a template, mark location for two pilot holes through top and bottom holes of wall plate. (See Figure 1)

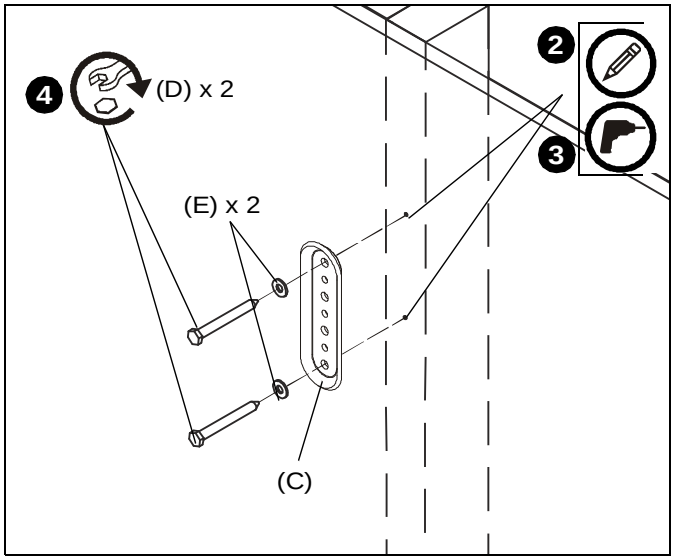


Figure 1

3. Drill two 1/8” diameter pilot holes through marked locations into wall structure. (See Figure 1)
4. Using 7/16” wrench, loosely install two 1/4” x 2 1/2” hex head lag screws (D) through two 1/4” washers (E), wall plate (C), and drywall into wood stud. (See Figure 1)
5. Ensure wall plate (C) is vertical, then tighten screws (D).

IMPORTANT ! : Over-tightening screws (D) may cause bracket (C) to compress into soft wall surface, resulting in damage to wall, difficult mount installation, and/or improper engaging of set screw in Step 6.

IMPORTANT ! : If you will be installing a display with RECESSED mounting holes, then proceed to “DISPLAY INSTALLATION” *before continuing* with this mount installation procedure.

6. Insert top of mount (A) over lip on top of bracket (C) (See Figure 2). Swing mount (A) down flush against wall.

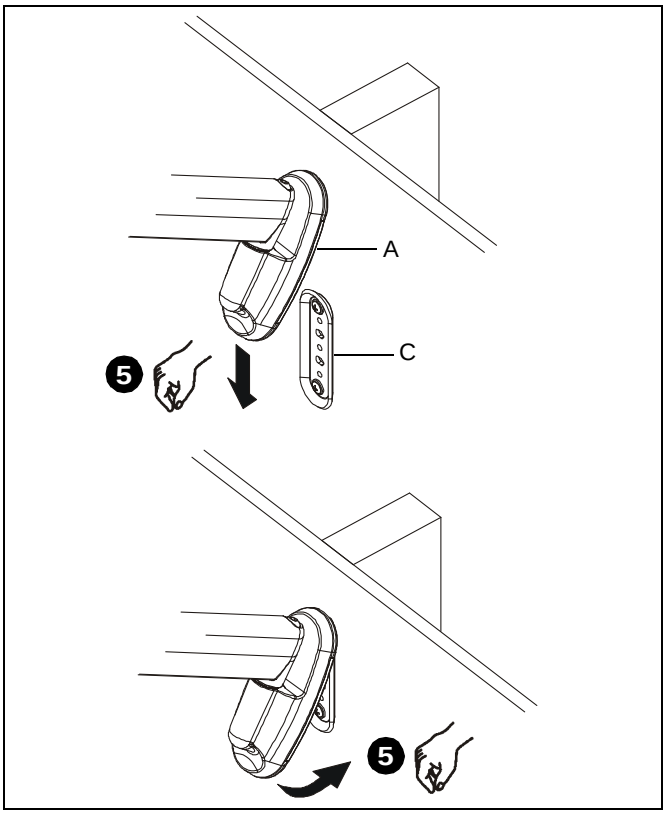


Figure 2

7. Using hex key (R), tighten set screw (See Figure 3). Ensure set screw engages *back* side of bracket (C) to properly secure mount.

NOTE: Proper engagement of set screw prevents lower end of mount (A) from being tilted away from wall.

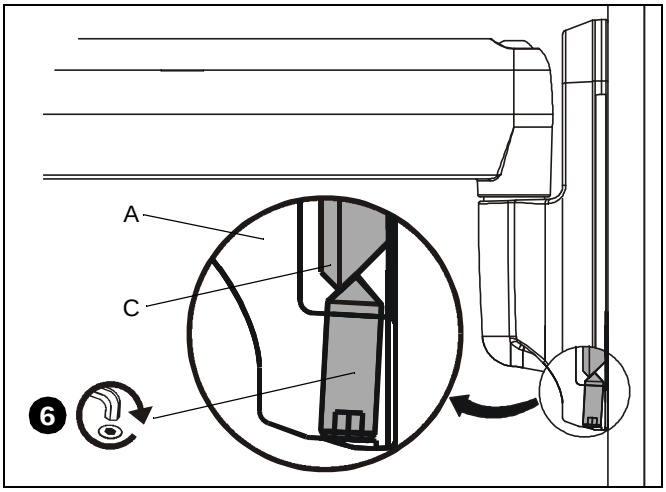


Figure 3

8. Proceed to “CABLE MANAGEMENT” if your display *was previously* installed, or to “DISPLAY INSTALLATION” if your display *is not* installed.

To Desk (MSP-DARKCE110, MSP-DARKCD110)

1. Determine approximate location for mount keeping in mind display size, arm extension, and pitch/roll requirements.
2. Using mount (B) as a template, mark location of three pilot holes (See Figure 4).
3. Drill three 1/8" diameter pilot holes in mounting structure at marked locations (See Figure 4). Ensure pilot holes are straight.

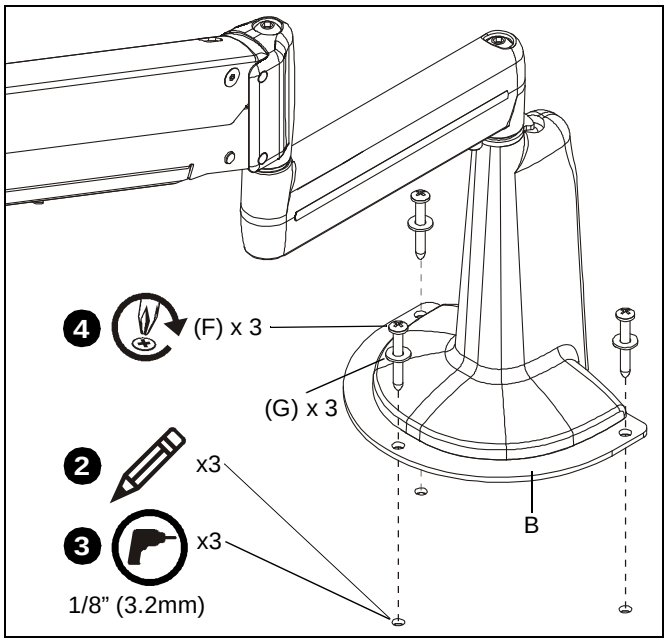


Figure 4

IMPORTANT ! : IF you will be installing a display with RECESSED mounting holes, then proceed to "DISPLAY INSTALLATION" *before continuing* with this mount installation procedure.

4. Install three #10 x 1 1/2" Phillips head screws (F) through three #10 washers (G) and mount (B) into pilot holes (See Figure 4). Tighten screws.
5. Proceed to "CABLE MANAGEMENT" if your display *was previously* installed, or to "DISPLAY INSTALLATION" if your display *is not* installed.

To Pole (MSP-DARKPZ110)

IMPORTANT ! : The following installation instructions assume that a 1-1/2" NPT pipe has been properly installed and is in place.

1. Determine approximate location for mount keeping in mind display size, extension, height adjustment (if applicable), and pitch/roll requirements.

IMPORTANT ! : IF you will be installing a display with RECESSED mounting holes, then proceed to "DISPLAY INSTALLATION" *before continuing* with this mount installation procedure.

2. Place mount (V) against pole, with clamp (U) on opposite side of pole (See Figure 5).
3. Using 5/32" hex key (Q), loosely assemble with three 1/4-20 x 1-1/4" button head cap screws (T). (See Figure 5)

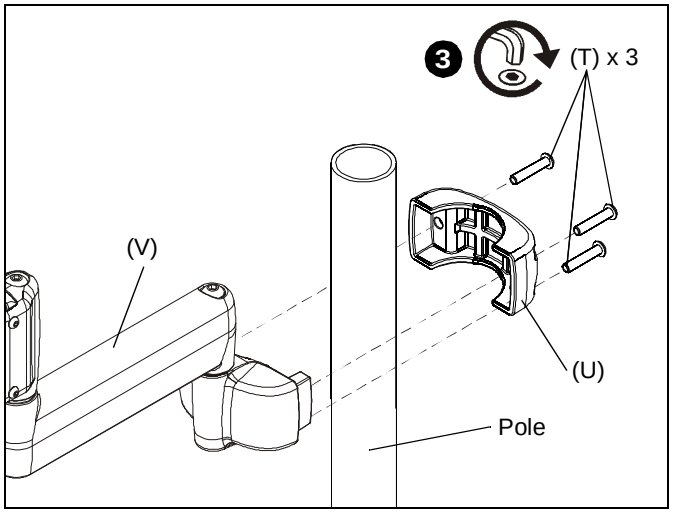


Figure 5

NOTE: Equally tighten screws (T) against clamp (U) and mount (V). (See Figure 6)

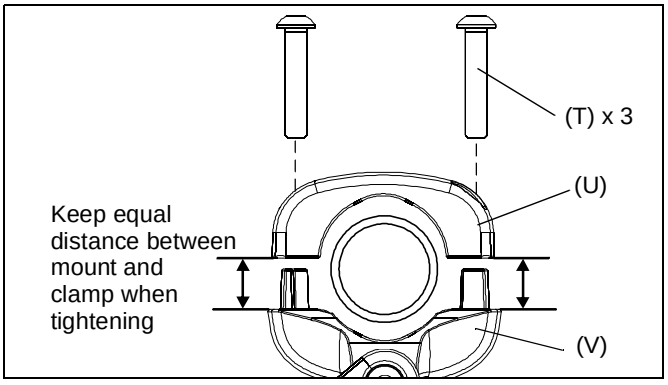


Figure 6

4. Position mount at desired height and orientation. Tighten screws (T) securely.
5. Proceed to "CABLE MANAGEMENT" if your display *was previously* installed, or to "DISPLAY INSTALLATION" if your display *is not* installed.

DISPLAY INSTALLATION

NOTE: In Figures 7 and 8 the swing arm has been removed for clarity.

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components attached to the MSP-DARKWE110/-DARKCE110 does not exceed 20 lbs (9 kg), MSP-DARKCD110/MSP-DARKPZ110 - 25 lbs (11.3 kg).

1. Carefully place display face down on protective surface.

2. Select spacers:
   - If mounting holes are *flush with* back of display, then no spacers are required; proceed to Step 3 below.
   - If mounting holes are *recessed into* back surface of display, then place spacer (N or P, as applicable) over each mounting hole on back of display (See Figure 8). Select shortest spacer which will provide adequate fill. All spacers must be same length.

NOTE: 100 x 100 mounting hole pattern shown; 75 x 75mm pattern similar.

3. Select screw *length:*
   - If no spacers are required, then use screws (K).
   - If using spacers (N), then use screws (L).
   - If using spacers (P), then use screws (M).
4. Orient mount (A, B or V) so that mounting holes in faceplate are aligned with holes in display or holes in spacers (M, N), as applicable.

CAUTION: Using screws of improper size may damage your display! Proper screws will easily and completely thread into display mounting holes.

5. Install screws (K, L, or M; as applicable) through mounting holes on faceplate and spacers (N or P, if applicable) into display (See Figure 7) (See Figure 8).
6. Tighten all four screws. Do not over-tighten!

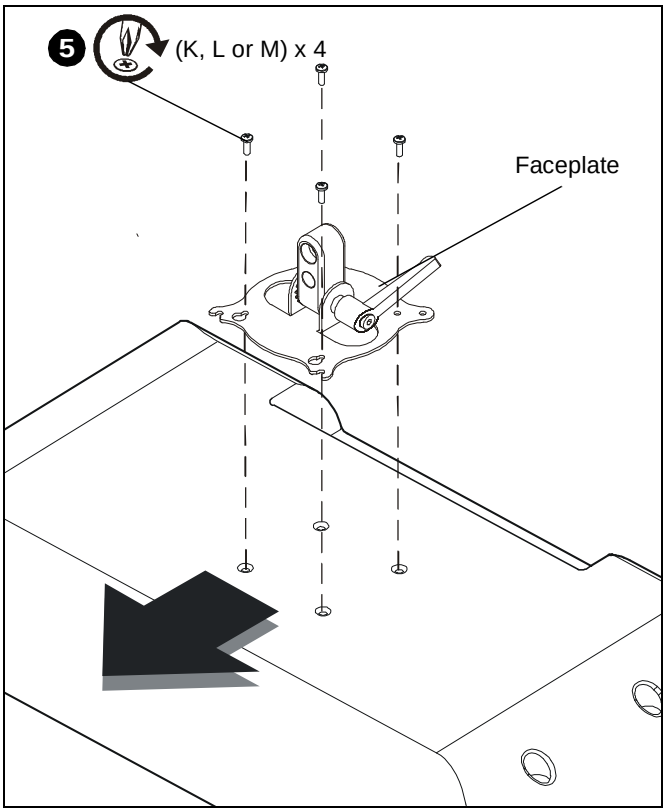


Figure 7

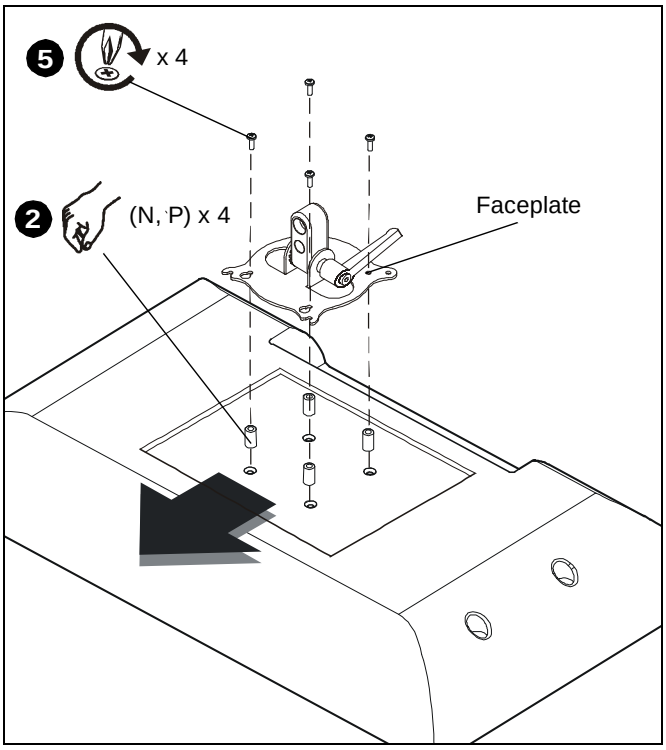


Figure 8

CABLE MANAGEMENT

NOTE: Steps 1 through 6 below apply to models DARKWE110, DARKCE110 and DARKPZ110. Proceed to Step 5 if installing DARKCD110.

1. Attach all cables to display.
2. Open the cable management bracket by sliding it towards the edge of the arm (See Figure 9).

NOTE: If necessary, cable management bracket attach screws may be loosened using hex key.

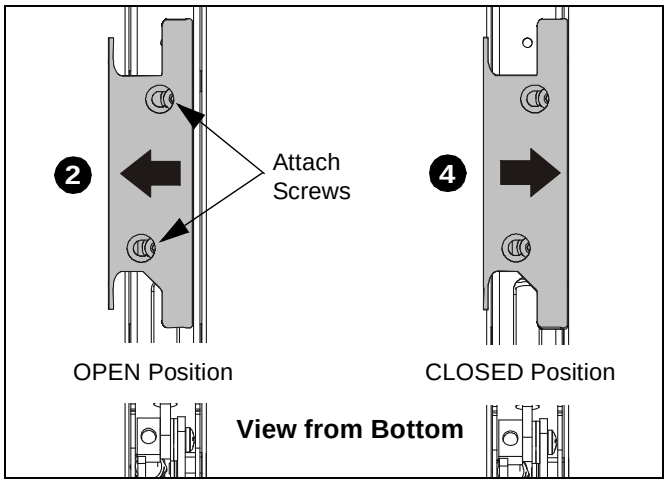


Figure 9

CAUTION: Ensure that adequate cable slack exists for movement of display, and that cables will not be pinched when bracket is closed.

3. Carefully insert cables into bracket (See Figure 10).

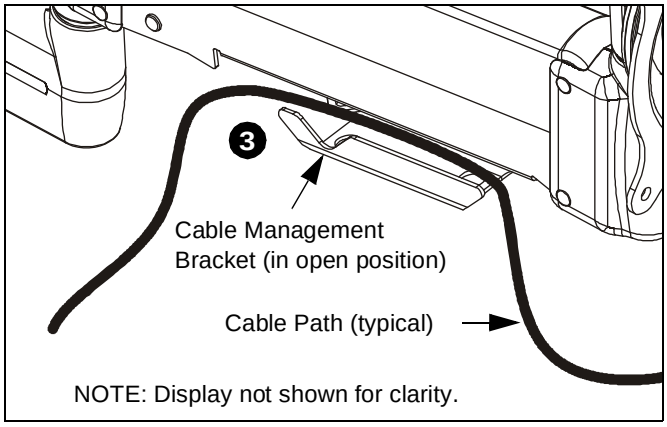


Figure 10

4. Close cable management bracket by sliding it back towards the center line of the arm (See Figure 9).

NOTE: If necessary, cable management bracket attach screws may be tightened using hex key.

CAUTION: Ensure that adequate cable slack exists for movement of display, and that cables will not be pinched by installation of cover (H) or screws (J).

5. Carefully insert cables in cavity located in lower portion of mount arm (See Figure 11).
6. Using Phillips screwdriver, install two covers (H) with four screws (J).

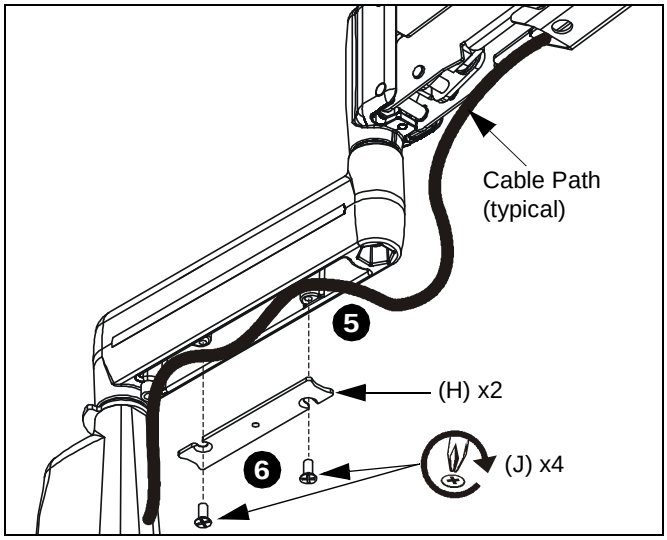


Figure 11

ADJUSTMENTS

Pivot/Height Tension

WARNING: Excessive loosening or tightening of adjustment mechanism can result in serious personal injury or damage to equipment!

1. To adjust extension/swivel, slightly loosen or tighten adjustment screws using hex key (R) (See Figure 12). Adjust screws ONLY as required to achieve desired tension.
2. To adjust height tension, slightly loosen or tighten adjustment screw as necessary using hex key (Q) (See Figure 12).
   - If display settles on its own, then rotate adjustment screw counterclockwise (towards the "+" symbol).
   - If display rises on its own, then rotate adjustment screw clockwise (towards the "-" symbol).

NOTE: It may be necessary to raise or lower the height adjustable arm to expose the adjustment screw.

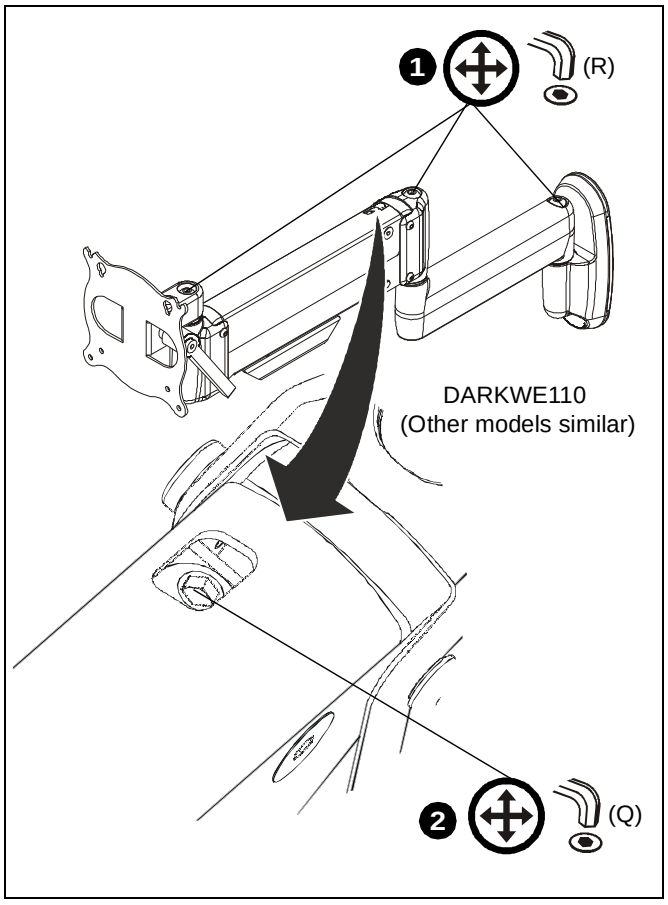


Figure 12

Pitch Adjustment

1. Pull entire handle out away from mount to allow handle position to be adjusted to be prior to pitch adjustment. (See Figure 13)

NOTE: In order to maximize leverage, position handle in lower position.

2. Adjust handle to desired position. (See Figure 13)
3. Push entire handle back towards mount prior to pitch adjustment. (See Figure 13)

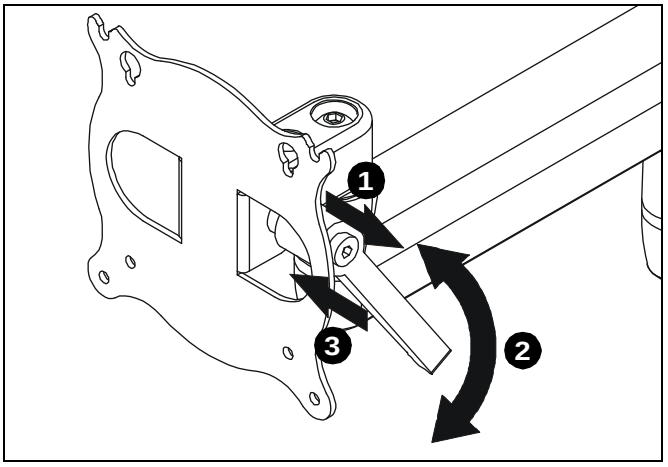


Figure 13

IMPORTANT ! : Make sure the weight of the display is adequately supported while adjusting the pitch in Steps 4-6!

4. Lift handle up until pitch can be adjusted easily. (See Figure 14)
5. Adjust pitch to desired position. (See Figure 14)
6. Push handle down until faceplate is locked at desired pitch position. (See Figure 14)

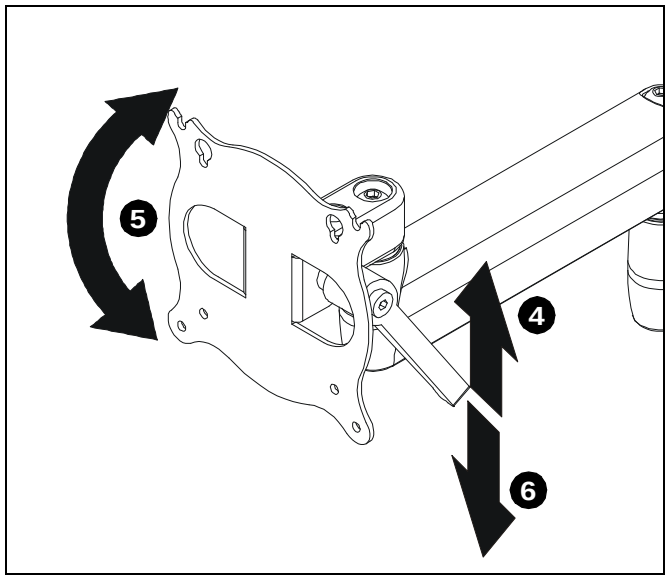


Figure 14

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